Whirlpool

Service Manual

Professionals Dishwasher AGB 650/WP

Model AGB 650/WP
Version 8512 650 01000

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Family	Frontal dishwasher

This documentation is only intended for qualified technicians who are aware of the respective safety regulations.

Date: 07.04.2005
Subject to modification
Document-No.: 4812 728 12115

Technical data

Dimension

Stainless steel AISI 304 cabinet		
Double skinned isulated cabinet		
Height	840	mm
Width	580	mm
Depth	610	mm

Basket size

Width	500	mm
Depth	500	mm
Height	120	mm
Clear entry high	310	mm

Wash cycle

Time	120/ 180	s
Water consumption	2.4	l

Options

Door safty microswitch
Automatic water level
Rinse aid dispenser

Water Volume

Tank capacity	26	l
Boiler capacity	7	l

Water pressure

Inlet pressure	2 - 4	bar
	(200 - 400	kPa)
Water connection up to	50	˚C

Electrical base data

Voltage	400 V 3 phase + N	
Total power	4.9	kW

Spray pump motor

Power consumption	400	W

Rinse aid pump

Hot water automatic rinse

Heating element

Voltage	230	V
Power consumption		
Boiler element	4.5	kW
Power consumption		
Tank element	3	kW

Regeneration

Water supply hardness	0.7 - 1.1	mmol/l
	7 - 11	˚Fh

Accessory

Equipment:	1 18-dish basket
	1 glass basket
	1 teaspoon rack

Spare part list

Model **AGB 650/WP**
Service No. **851265001000**
Version **851265001000**

Pos. No.	12NC Code	Description
A01	**4832 860 08907**	Frame
A02	**4832 860 08858**	Tank
A03	**4832 860 08859**	Door
A04	**4832 860 08861**	Magnet ,cover
A05	**4832 860 08118**	Door catch
A06	**4832 860 08119**	Nut catch
A07	**4832 860 08862**	Handle
A08	**4832 860 08863**	Foot ,rubber
A09	**4832 860 08121**	Pin hinge
A10	**4832 860 08122**	Hinge
A11	**4832 860 08864**	Side panel ,right
A12	**4832 860 08865**	Side panel ,left
A13	**4832 860 08866**	Panel, rear
A14	**4832 860 08135**	Nut
A15	**4832 860 08867**	Cover plate
A16	**4832 860 08868**	Plinth
A17	**4832 860 08131**	Tie rod door
A18	**4832 860 08133**	Plate tie rod
A19	**4832 860 08134**	Bolt
B02	**4832 860 08869**	Boiler
B03	**4832 860 08132**	Heating element
B04	**4832 860 08816**	Pump ,dosing device
B05	**4832 860 08149**	Thermostat
B06	**4832 860 08153**	Knob
B07	**4832 860 08871**	Thermostat
B08	**4832 860 08151**	Thermostat TANK
B09	**4832 860 08872**	Gasket
B10	**4832 860 08873**	Nut
B11	**4832 860 08874**	Bearing ,el. valve
B12	**4832 860 08875**	Terminal Board
B12	**4832 860 08876**	Terminal Board
B13	**4832 860 08141**	Valve ,electric
B14	**4832 860 08163**	Tube bend
B15	**4832 860 08154**	Valve
B16	**4832 860 08167**	Hose rubber
B17	**4832 860 08156**	Strap 13 - 20mm
B18	**4832 860 08817**	T-adapter
B19	**4832 860 08919**	Grommet
B20	**4832 860 08155**	Hose
B21	**4832 860 08877**	Pipe
B22	**4832 860 08138**	Screw
B23	**4832 860 08137**	O-Ring
C01	**4832 860 08799**	Heating element
C02	**4832 860 08878**	Pump
C03	**4832 860 08879**	OUTLET ELBOW
C04	**4832 860 08798**	Hose ,pressostat
C05	**4832 860 08374**	Nut 3/8"
C06	**4832 860 08881**	Pipe
C07	**4832 860 08882**	Inlet ,elbow
C08	**4832 860 08171**	Clamp 38-50mmm
C09	**4832 860 08883**	Capacitor
C10	**4832 860 08162**	Gasket
C11	**4832 860 08161**	Airtrap
C14	**4832 860 08166**	T-adapter
C15	**4832 860 08884**	Stopper

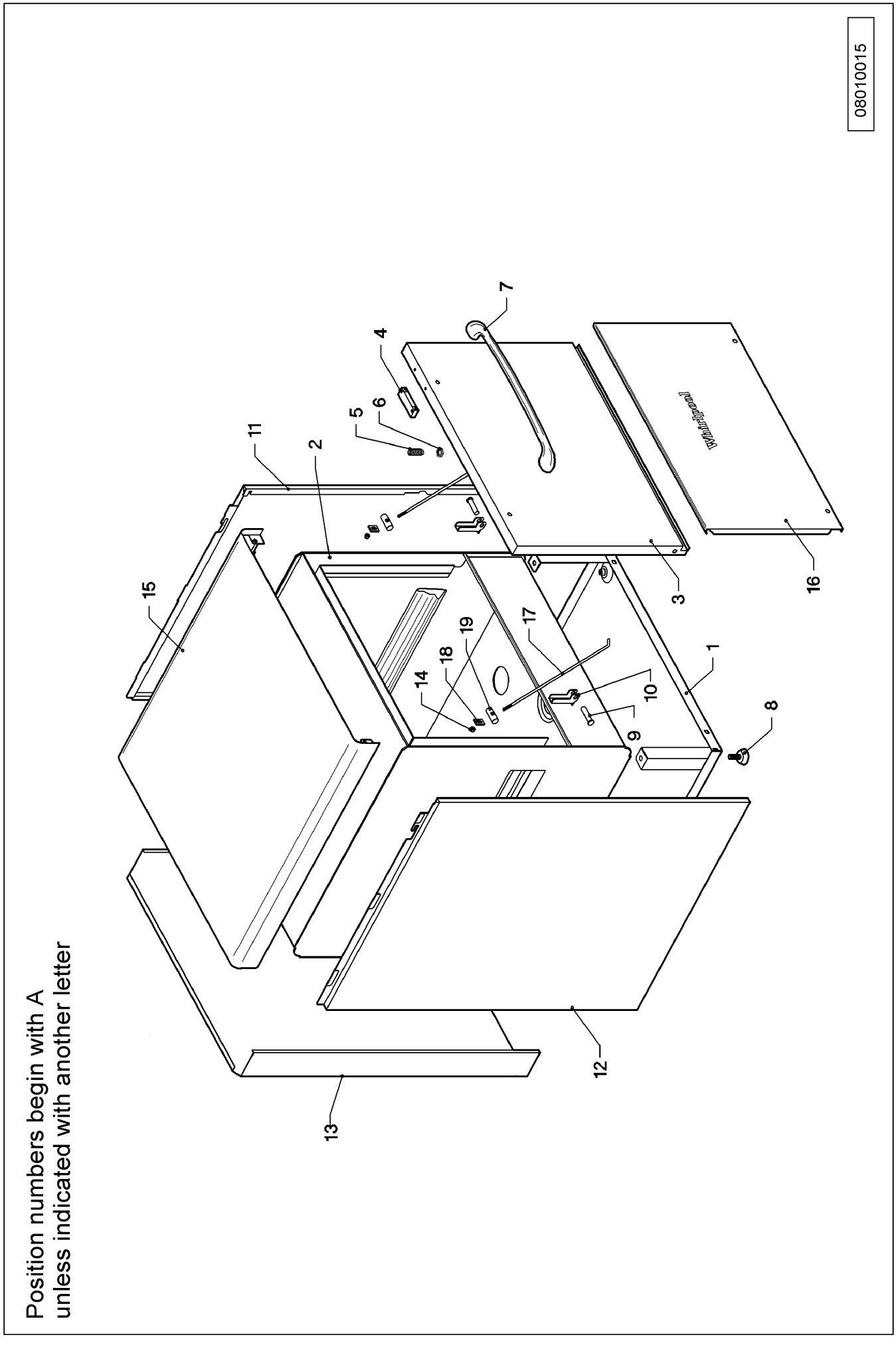
Pos. No.	12NC Code	Description
C16	**4832 860 08885**	Reductor
C17	**4832 860 08811**	Pipe ,fitting
C18	**4832 860 08886**	Pipe ,outlet upper
C20	**4832 860 08887**	Pin ,rinse
C21	**4832 860 08888**	Tube bend
C22	**4832 860 08173**	O-Ring
C23	**4832 860 08172**	Nut ,1 1/4"
C24	**4832 860 08889**	Spacer
C25	**4832 860 08788**	Hose,draining
C26	**4832 860 08891**	Hub ,upper
C27	**4832 860 08807**	Gasket
C28	**4832 860 08825**	Flange
C29	**4832 860 08892**	Screw
C30	**4832 860 08893**	Nut
C31	**4832 860 08783**	Clamp
C32	**4832 860 08187**	Washer
C33	**4832 860 08895**	Cover ,Tube bend
C34	**4832 860 08176**	Nut ring
C35	**4832 860 08896**	Filter
C36	**4832 860 08894**	Tube bend
C37	**4832 860 08897**	Gasket
C38	**4832 860 08898**	OVER FLOW
C39	**4832 860 08899**	O-Ring
C40	**4832 860 08901**	Screw
C41	**4832 860 08757**	Washer
C42	**4832 860 08902**	Gasket
C43	**4832 860 08903**	Nut
D01	**4832 860 08189**	Hub
D02	**4832 860 08828**	WASH ARM
D03	**4832 860 08179**	Fitting Rinse arm
D04	**4832 860 08192**	Hub
D05	**4832 860 08418**	Rinsing jet
D06	**4832 860 08317**	Screw M4 X 8
D07	**4832 860 08318**	O-Ring
D08	**4832 860 08322**	Tailpiece rinse arm
D09	**4832 860 08323**	Nut ring
D10	**4832 860 08829**	Rinse arm ,right
D11	**4832 860 08831**	Rinse arm ,left
D12	**4832 860 08324**	O-Ring
D13	**4832 860 08904**	WASH ARM
D14	**4832 860 08833**	Rinse arm ,cpl.
D15	**4832 860 08834**	Plug
D16	**4832 860 08835**	O-Ring
E01	**4832 860 08905**	Panel,control
E02	**4832 860 08906**	Panel ,printed
E03	**4832 860 08331**	Lamp ,control
E04	**4832 860 08333**	Lamp ,cycle control
E05	**4832 860 08921**	Button
E06	**4832 860 08922**	Fastener ,button
E07	**4832 860 08908**	Switch
E08	**4832 860 08341**	Contact ,inductive
E09	**4832 860 08909**	Sensor
E10	**4832 860 08334**	Switch,pushbut.
E11	**4832 860 08911**	Terminal Board
E12	**4832 860 08912**	Terminal Board

Spare part list

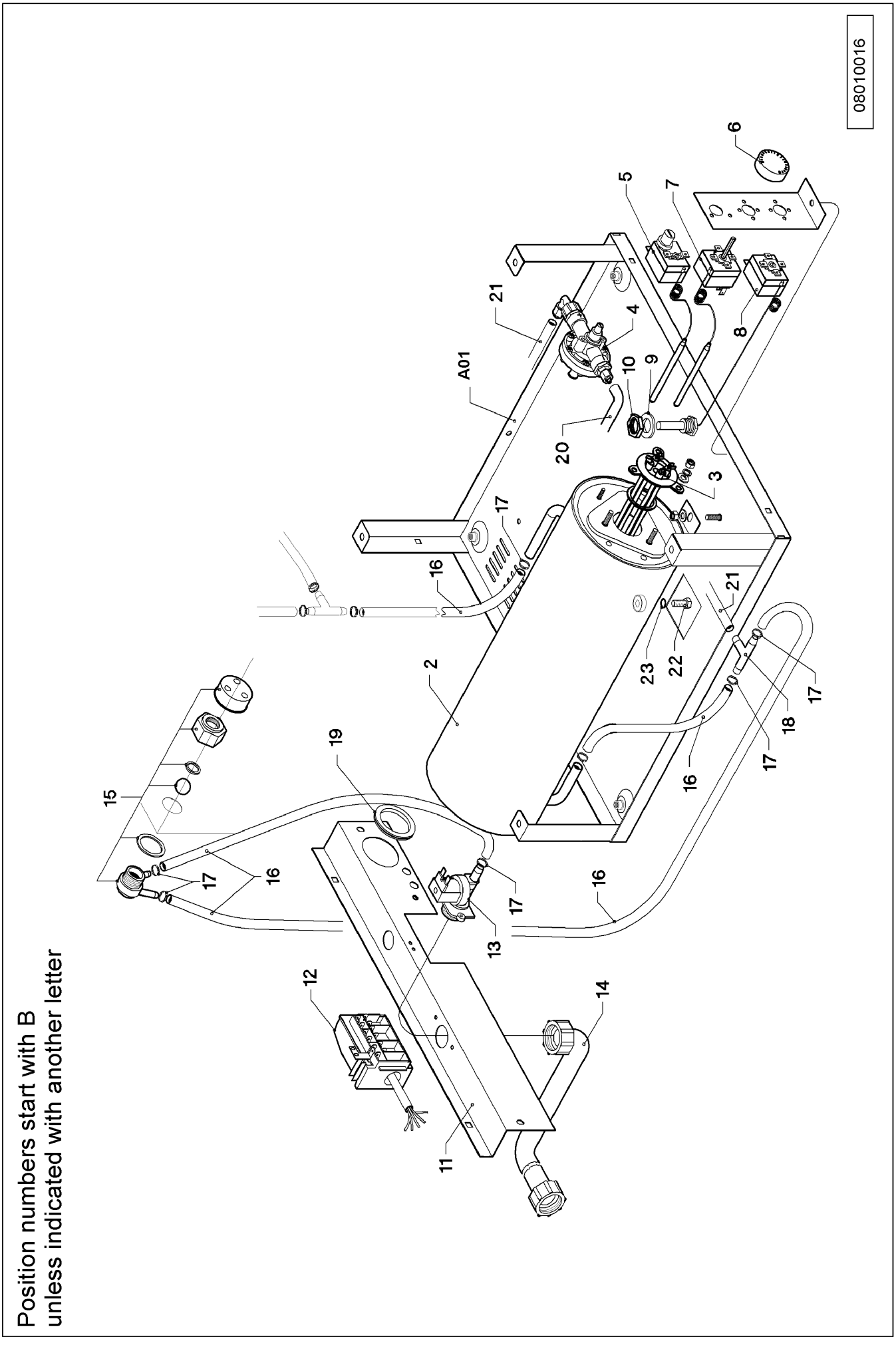
Model	**AGB 650/WP**
Service No.	**851265001000**
Version	**851265001000**

Pos. No.	12NC Code	Description
E13	**4832 860 08913**	Terminal Board
E14	**4832 860 08914**	Filter ,noise
E15	**4832 860 08915**	Relay
E16	**4832 860 08916**	Timer ,cycle
E17	**4832 860 08917**	Push button
E18	**4832 860 08918**	Switch

Exploded view

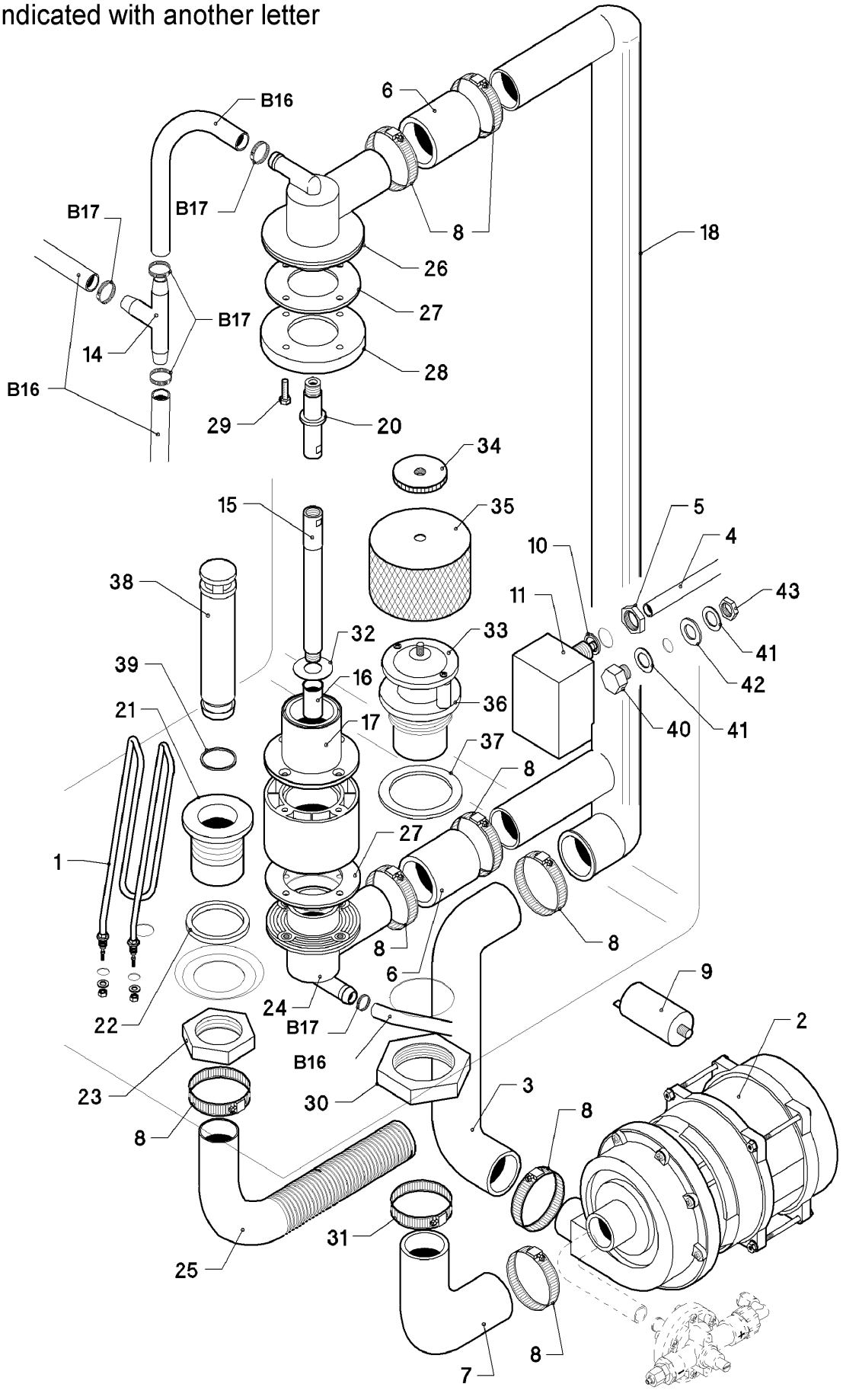


Exploded view



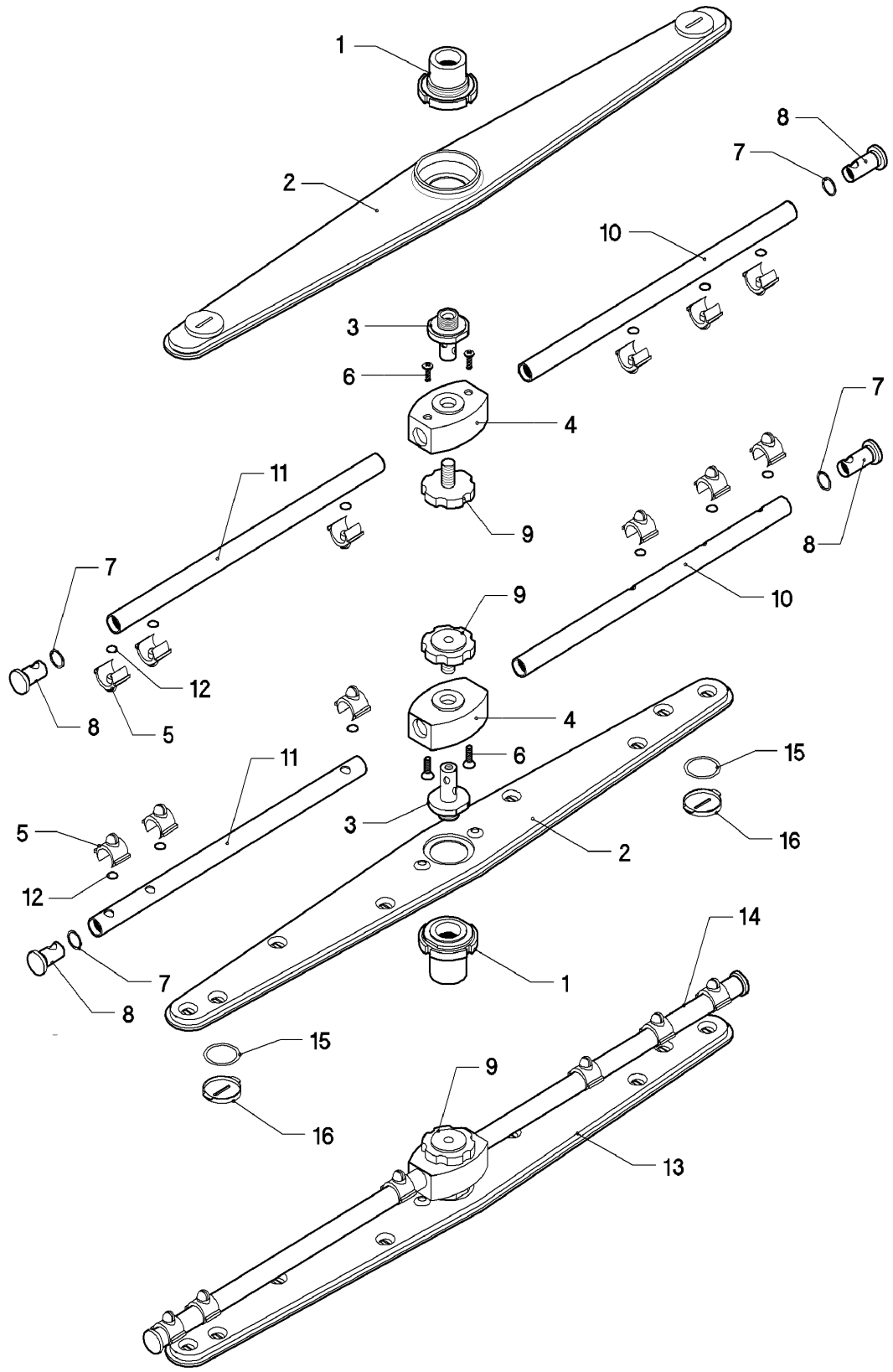
Exploded view

Position numbers start with C
unless indicated with another letter



Exploded view

Position numbers start with D
unless indicated with another letter



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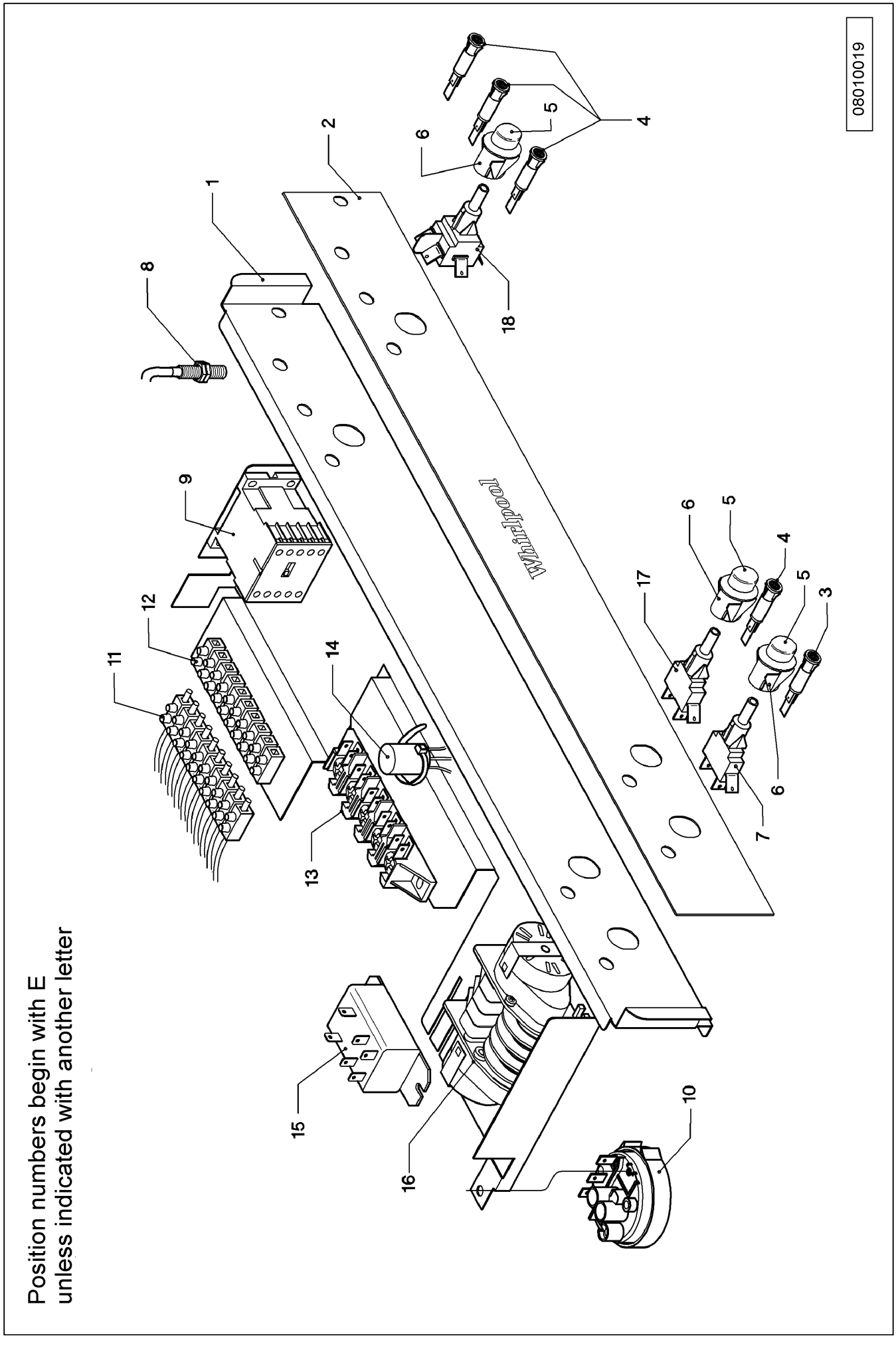
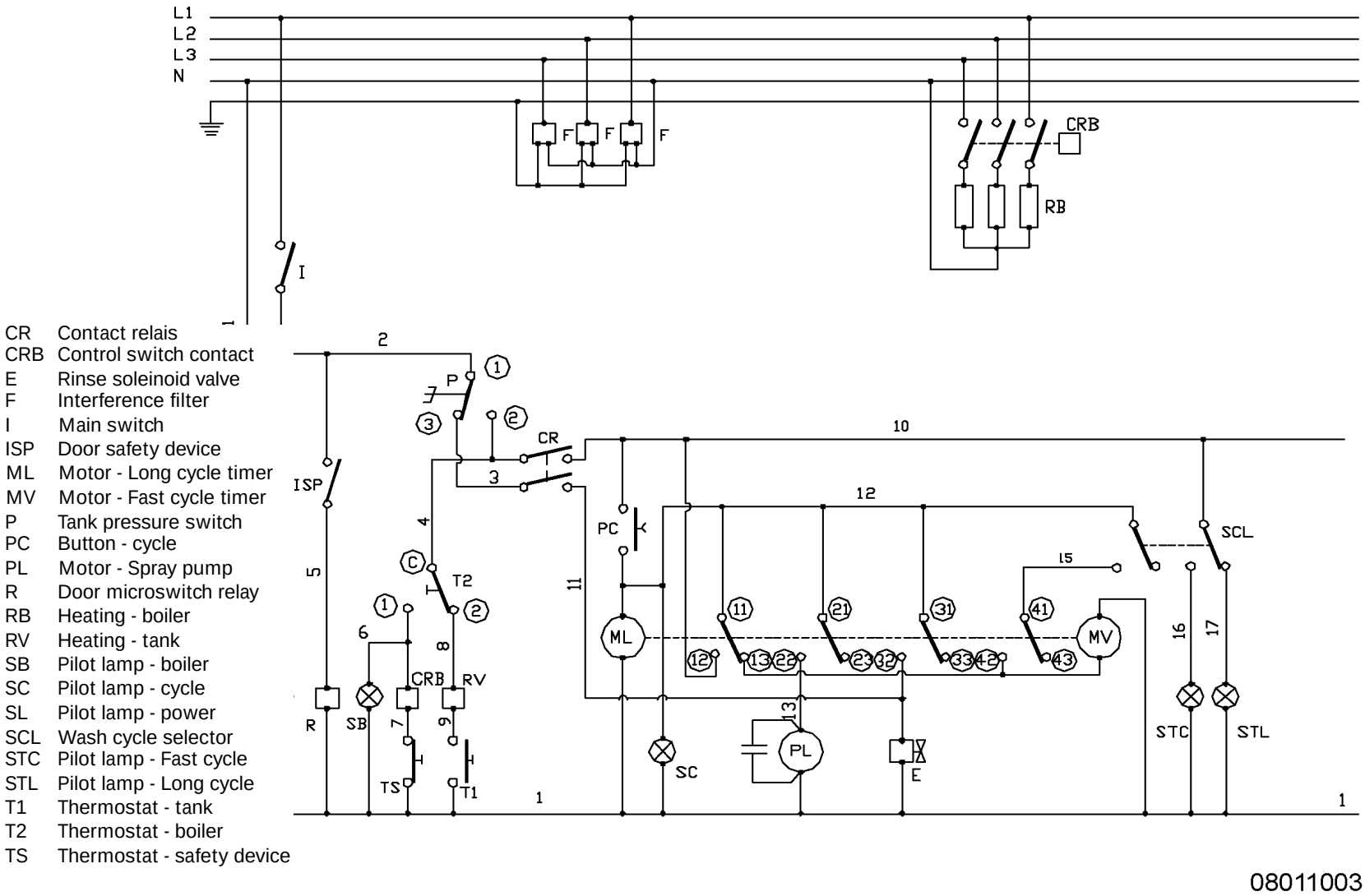
Exploded view



Circuit diagram



CR	Contact relais
CRB	Control switch contact
E	Rinse soleinoid valve
F	Interference filter
I	Main switch
ISP	Door safety device
ML	Motor - Long cycle timer
MV	Motor - Fast cycle timer
P	Tank pressure switch
PC	Button - cycle
PL	Motor - Spray pump
R	Door microswitch relay
RB	Heating - boiler
RV	Heating - tank
SB	Pilot lamp - boiler
SC	Pilot lamp - cycle
SL	Pilot lamp - power
SCL	Wash cycle selector
STC	Pilot lamp - Fast cycle
STL	Pilot lamp - Long cycle
T1	Thermostat - tank
T2	Thermostat - boiler
TS	Thermostat - safety device